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APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/815,400		03/31/2004	Benjamin N. Eldridge	P71C2-US	P71C2-US 7966	
27520	7590	02/17/2005		EXAMINER		
FORMFAC	CTOR, IN	IC.	KARLSEN, ERNEST F			
LEGAL DE	PARTME	ENT			D + BED > W + CDED	
2140 RESE	ARCH DF	RIVE	ART UNIT	PAPER NUMBER		
LIVERMOF	RE, CA	94550	2829			
				DATE MAILED: 02/17/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)				
		10/815,400	ELDRIDGE ET AL.				
	Office Action Summary	Examiner	Art Unit				
	·	Ernest F. Karlsen	2829				
Period fo	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).							
Status							
1)⊠	Responsive to communication(s) filed on 24	November 2004.					
2a) <u></u> ☐	This action is FINAL . 2b)⊠ Th	is action is non-final.					
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposit	ion of Claims						
5)□ 6)⊠ 7)□	Claim(s) <u>46-57</u> is/are pending in the application 4a) Of the above claim(s) is/are withdrest claim(s) is/are allowed. Claim(s) <u>46-57</u> is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/	awn from consideration.					
Applicat	ion Papers						
•	The specification is objected to by the Examir		_				
10)	The drawing(s) filed on is/are: a) ac						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority under 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
2) Notice 3) Information	nt(s) ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/0 er No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail D 5) Notice of Informal I 6) Other:					

Application/Control Number: 10/815,400

Art Unit: 2829

Claims 46-55 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. There is nothing in the original disclosure to support the phrase "approximately 645 degrees" of claim 46, line 9. Also there is no original disclosure to support "630 degrees" in claim 50 or "615 degrees" in claim 51.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 46-57 are rejected under 35 U.S.C. 102(b) as being anticipated by Kwon.

The claims are drawn to a semiconductor device that has been tested by a specific process. In other words the claims are product by process claims. There is no disclosure that the tested devices are changed in any way by the testing process. It is presumed that the semiconductor devices are the same before and after testing. Any semiconductor structure that includes a wafer composed of semiconductor devices with electrical contact terminals is considered to meet the limitations of claims 46 –57. How the semiconductor devices are tested is irrelevant to the structure of the semiconductor devices. Kwon shows a wafer having integrated circuits 15 which have electrical contacts 19.

Art Unit: 2829

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Luthi et al, Ko, Mizuta and Roggel all show probes of the kind used in Applicants' process wherein the probe has a blade with a specific orientation (approximately parallel) to the direction that the probe wipes.

Any inquiry concerning this communication should be directed to Ernest F. Karlsen at telephone number 571-272-1961.

Ernest F. Karlsen

February 15, 2005

ERNEST KARLSEN PRIMARY EXAMINER